

Claims

1. A retaining clamp (2) for securing objects, in particular gas storage cylinders (1) for airbags, having a clamping ring (3) which encircles the object, engages in a clamping manner around the object in particular by means of mechanical deformation upon installation (clamping means 11) and, in the process, bears with at least one contact surface (16) against the object, the contact surface (16) being provided at least in some regions with a roughening (17) which improves the retaining effect between the retaining clamping (2) and the object.
2. The retaining clamp of claim 1, characterised in that the clamping ring (3) is designed as a sheet-metal part.
3. The retaining clamp of any preceding claim, characterised in that the roughening (17) has a surface roughness of at least approximately 1 µm.
4. The retaining clamp of any preceding claim, characterised in that the entire contact surface (16) is provided with the roughening (17).
5. The retaining clamp of any preceding claim, characterised in that the clamping ring (3) has at least one stiffening bead (18) which extends in the circumferential direction.
6. The retaining clamp of any preceding claim, characterised in that the clamping ring (3) has at least one flanging (22) which extends in the circumferential direction.
7. The retaining clamp of any preceding claim, characterised in that the clamping ring (3) has at least one convexity (19) arranged between two contact surfaces (16).
8. A retaining clamp (2) for securing objects, in particular gas storage cylinders (1) for airbags, having an essentially annular clamping ring (3) which encircles the object and engages around the object in a clamping manner in particular by means of mechanical deformation upon installation (clamping means 11), in particular of any preceding claim, and having a clamping securing bolt (press-in screw 5) which extends through an opening (40) of the clamping ring (3) and has a head (9) lying in the interior of the clamping ring (3), characterised in that the head (9) has at least one rotation-preventing edge (38) which is arranged opposite the inside (36) of the clamping ring (3) in order to prevent rotation of the clamping securing bolt (press-in screw 5).

9. The retaining clamp of claim 8, characterised in that the head (9) of the clamping securing bolt (press-in screw 5) has a multi-edged contour.
10. The retaining clamp of any preceding claim, characterised in that the clamping securing bolt (press-in screw 5) passes through two aligned passage openings (8a, 8b) in overlapping end portions (7a, 7b) of a sheet-metal strip (6), which is bent to form the clamping ring (3), and connects the end portions (7a, 7b) to each other.
11. The retaining clamp of any preceding claim, characterised in that two opposite end portions of a sheet-metal strip (6), which is bent to form the clamping ring (3) are hooked together at a distance from the clamping securing bolt (press-in screw 5).